Index of Claims

| Appl | ication | No. |
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10/812,165 Examiner

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Applicant(s)

KAWANOBE ET AL.

Art Unit

Gregory J. Strimbu

3634

| <b>√</b> | Rejected |
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(Through numeral)
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|          | Claim Date |   |                    |          | Claim Date        |          |                 |                 |          |          |          |          |          | 7        |          | aim      | Date     |                   |          |         |            |                     |                |  |                |   |   |  |   |
|----------|------------|---|--------------------|----------|-------------------|----------|-----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|----------|---------|------------|---------------------|----------------|--|----------------|---|---|--|---|
| - 016    |            | 14  |                    |          |                   |          | _ 01            | Claim   Date    |          |          |          |          | -        |          |          | Uate     |          |                   |          |         |            |                     |                |  |                |   |   |  |   |
| Final    |            | 11<br>24<br>04  |                    |          |                   |          |                 |                 | Final    | Original |          |          |          |          |          |          |          |                   |          | Final   | Original   |                     |                |  |                |   |   |  |   |
|          | 1          |   | 1                  |          |                   |          | $\neg$          | $\neg \Box$     |          | 51       |          |          | ヿ        | $\dashv$ | 寸        | $\dashv$ | _        |                   |          |         | 101        |                     | $\top$         | +  | 7              | T   | _   | <del>                                     </del> | T                                       |
|          | 2          |   | ╅                  | П        |                   |          | _               | $\top$          |          | 52       | П        |          | $\dashv$ |          | ┪        | $\dashv$ |          |                   |          |         | 102        |                     | _              | 7  | $\dashv$       | 1   |   | T  | $\vdash$                                |
|          | 3          |   | 1                  |          | П                 |          |                 | $\dashv \dashv$ |          | 53       |          |          |          |          |          | T        |          | $\neg$            |          |         | 103        |                     | _              | 十  | 十              | 十   | _   | T  | $\Box$                                  |
|          | 4          |   | $\top$             | П        |                   |          | $\neg \uparrow$ | $\dashv \dashv$ |          | 54       |          |          |          | 寸        | 寸        | ヿ        | _        |                   |          |         | 104        |                     | $\top$         | 十  | T              | T   |   | T  | $\Box$                                  |
|          | 5          |   |                    | Ħ        |                   |          | $\neg$          | $\top$          |          | 55       |          |          | $\Box$   | $\neg$   | 寸        | 寸        |          |                   | _        |         | 105        | $\Box$              | $\top$         | $\neg$   |                | 1   | $\neg$  | T  | Ħ                                       |
|          | 6          |   | T                  | П        | П                 |          |                 | $\dashv \dashv$ |          | 56       |          |          | $\neg$   | $\dashv$ | ヿ        | 一        |          |                   |          |         | 106        |                     |                | 7  | $\top$         | $\top$  |   | T  | $\Box$                                  |
|          | 7          |   | 1                  |          | П                 |          |                 | $\neg \neg$     |          | 57       |          |          |          | $\Box$   |          |          |          | T                 | 1        |         | 107        | П                   | T              | 7  | $\neg$         |   | $\neg$  | Τ  | $\Box$                                  |
|          | 8          |   | Т                  |          | П                 |          |                 |                 |          | 58       |          |          | $\Box$   |          |          |          |          |                   |          |         | 108        |                     |                |  |                |   |   |  |   |
|          | 9          |   |                    |          |                   |          |                 |                 |          | 59       |          |          |          |          |          |          |          |                   |          |         | ·109       |                     |                |  |                |   |   |  |   |
|          | 10         |   |                    |          |                   |          |                 |                 |          | 60       |          |          |          |          |          |          |          |                   |          |         | 110        |                     |                |  |                |   |   | $\mathbb{L}$                                     |   |
|          | 11         |   |                    |          |                   |          |                 |                 |          | 61       |          |          |          |          |          |          |          |                   |          |         | 111        |                     |                |  |                |   |   | L  |   |
|          | 12         |   |                    | Ш        | Ш                 | Ш        |                 |                 |          | 62       |          |          |          |          | _        | $\perp$  |          |                   | _        |         | 112        | Ш                   |                | _  | $\perp$        |   |   | 丄  | $\sqcup$                                |
|          | 13         |   | _                  | Ш        | Ш                 | Ш        | _               | 44              |          | 63       |          |          | $\Box$   | $\perp$  | _        | _        |          | $\bot$            | _        | <u></u> | 113        | Ш                   | $\perp$        | $\perp$  | $\perp$        | $\perp$   | $\perp$   | $\perp$  | $\sqcup$                                |
| <u></u>  | 14         |   | <u> </u>           |          |                   |          |                 | $\perp$         | <u> </u> | 64       |          |          |          | _        | _        | _        |          |                   | _        |         | 114        |                     | _              | _  | _              | _   |   | <u> </u>   | Ш                                       |
| <u></u>  | 15         |   | _                  |          | $ \!\!\perp\!\! $ |          | _               | 44              | <u> </u> | 65       |          | _        | $\perp$  | _        | _        | _        | _        |                   | 4        | <u></u> | 115        | _                   | 4              | 4  | _              | $\bot$  | _   | $\perp$  | $\sqcup$                                |
|          | 16         | <b>.</b>  |                    | $\perp$  |                   | $\sqcup$ |                 | 44              |          | 66       |          | _        |          | _        | 4        | 4        | _        | _                 | _        |         | 116        | -                   | 4              |  | _              | 4   |   | ↓_   | $\sqcup$                                |
|          | 17         |   | 4                  | Ш        | Ш                 |          |                 | $\dashv$        |          | 67       |          |          |          | _        |          | _        | _        | -                 | _        |         | 117        | $\sqcup$            | 4              | 4  | 4              | 4   | _   | ╄  | $\perp$                                 |
|          | 18         |   | -                  | Ш        | Ш                 |          | _               | 44              |          | 68       | Ш        | $\Box$   |          | _        | _        | _        |          | _                 | 4        |         | 118        | -                   | - -            | _ -  | 4              | 4   |   | ╀-   | $\vdash$                                |
| <u> </u> | 19         |   |                    | Ш        | Ш                 |          | _               | $\dashv$        |          | 69       |          |          |          | _        | _        | _        |          | _                 | 4        |         | 119        | -                   | -              | -  |                | -   |   | ╄  | $\vdash$                                |
| <u></u>  | 20         | -   | -                  |          |                   |          |                 |                 |          | 70       |          | _        |          |          |          |          |          |                   |          |         | 120        | $\vdash$            | +              | +  | +              | +   | -   | ╀  | $\vdash$                                |
|          | 21         |   | -                  | -        | $\vdash$          |          |                 |                 |          | 71       | -        |          |          |          |          | -        |          |                   | -        |         | 121        | $\vdash$            | +              | +  | +              | +   | +   | $\vdash$   | $\vdash$                                |
|          | 22         | -   | -                  | -        | Н                 |          | $\dashv$        | $\dashv\dashv$  |          | 72       | Н        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$          |          | -       | 122        | $\vdash \vdash$     | +              | +  | +              | +   | $\dashv$  | +  | ╁╌┥                                     |
| <u> </u> | 23         |   | +-                 | $\vdash$ | Н                 | $\dashv$ |                 | - -             |          | 73<br>74 |          | -        | -        |          |          |          | -        | +                 | -        |         | 123<br>124 | $\vdash$            | +              | +  | +              | +   |   | +  | ₩                                       |
| -        | 25         | ╂   |                    | Н        | Н                 | $\dashv$ | +               | -               | -        | 75       |          |          | _        | -        | -        | -        |          | $\dashv$          | $\dashv$ | -       | 125        | $\vdash$            | +              | +  | +              | +   | +   | +  | $\vdash$                                |
|          | 26         | ╢   | +                  | -        |                   | $\dashv$ |                 | $\dashv\dashv$  |          | 76       |          |          |          |          | -        |          |          |                   | $\dashv$ |         | 126        | $\vdash$            | +              | +  | +              | +   | +   | +  | $\vdash$                                |
| -        | 27         |   | +                  | $\vdash$ | Н                 | $\vdash$ | $\dashv$        | $\dashv\dashv$  |          | 77       | Н        | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$          | ┨.       | -       | 127        | -                   | ┰              |  | +              | ╁   | +   | +-   | ┼┤                                      |
| $\vdash$ | 28         |   | +-                 | Н        | Н                 | $\vdash$ | -               | $\dashv$        |          | 78       | $\vdash$ | $\dashv$ | -        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | ┪        |         | 128        |                     | +              | +  | +              | +   | +   | +  | ╁─┤                                     |
|          | 29         |   | +                  | H        | Н                 | $\dashv$ | -               | $\dashv \dashv$ |          | 79       |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | _        | _                 | ┨ .      |         | 129        | $\vdash$            | +              | 十  | ╅              |   | 十   | +-   | ╁─┤                                     |
|          | 30         | -   | +                  | Н        | Н                 | $\dashv$ | _               | $\dashv \dashv$ |          | 80       |          | $\dashv$ |          |          | ┪        | 1        | $\dashv$ | +                 | ┪.       | -       | 130        | $\vdash$            | 十              | +  | +              | +   | _   | 十  | +                                       |
| $\vdash$ | 31         | 7   | +                  | H        | H                 | -        | -               | $\dashv \dashv$ |          | 81       |          |          | $\dashv$ | $\dashv$ | $\dashv$ | 寸        |          | $\vdash$          | -        |         | 131        |                     | $\top$         | 十  | $\dashv$       | +   | $\dashv$  | 十  | $\vdash$                                |
|          | 32         | 111   | T                  | Н        | Н                 |          |                 | $\dashv \dashv$ |          | 82       |          |          | $\neg$   | 一        | 寸        | 寸        | $\neg$   |                   | _        |         | 132        |                     | 十              | 十  | 十              | 十   | -   | $\top$   | $\vdash$                                |
|          | 33         |   | ╅                  | Н        | H                 |          | $\dashv$        | $\dashv \dashv$ |          | 83       |          |          |          | $\dashv$ | 7        | _        |          | _                 | 7        |         | 133        |                     | $\top$         | $\top$   | $\top$         | 十   | 1   | T  | $\vdash$                                |
|          | 34         | 111   | Ť                  |          | П                 |          | $\dashv$        | $\dashv \dashv$ |          | 84       |          | T        | T        | 寸        | T        | 一        | T        |                   | 1        |         | 134        |                     | 7              | 十  | 7              | 7   | $\top$  | †  | $\Box$                                  |
|          | 35         |   | 1                  | П        | П                 | $\Box$   | 一               | $\neg \neg$     |          | 85       |          |          |          |          | $\neg$   | 7        |          |                   | 7        |         | 135        |                     | $\neg$         | $\neg$   | $\top$         | $\top$  |   | $\top$   | $\vdash$                                |
|          | 36         | Ш   |                    |          | П                 |          |                 | $\neg \neg$     |          | 86       |          |          |          | $\neg$   | $\neg$   | $\neg$   |          |                   | 1        |         | 136        |                     | $\neg$         | $\top$   |                | T   | T   |  | $\Box$                                  |
|          | 37         |   | 1                  |          |                   |          |                 |                 |          | 87       |          |          |          | _ 1      |          | _1       |          |                   |          |         | 137        |                     | _              | ▔  | _              |   |   | I  |   |
|          | 38         |   | $oxed{oxed}$       |          |                   |          | T               |                 |          | 88       |          |          |          |          | $\Box$   |          |          |                   |          |         | 138        |                     |                | 丁  |                | floor   | $\int$  | oxdot  |   |
|          | 39         |   | $\Gamma$           |          |                   |          |                 |                 |          | 89       |          |          |          |          |          |          |          |                   |          |         | 139        |                     | T              | T  | $\Box$         |   | $\int$  | $oxed{\Box}$                                     |   |
|          | 40         | 1/  | L                  |          |                   |          |                 |                 |          | 90       |          |          |          |          |          |          |          |                   |          |         | 140        |                     | $\Box$         | $\Box$   |                | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{\Box}$                                     |   |
|          | 41         | $\forall$   |                    |          |                   |          | $\bot$          |                 |          | 91       |          |          |          |          |          |          |          |                   |          |         | 141        |                     | $\perp$        | $\perp$  |                | $\perp$   | $\perp$   | $\perp$  |   |
|          | 42         | 4   | $oldsymbol{\perp}$ |          |                   |          |                 | $\Box\Box$      |          | 92       |          |          |          |          |          |          |          |                   | _]       |         | 142        | Ш                   | $\perp \Gamma$ | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp \Gamma$ | $\perp \Gamma$  | $\bot$  | $\perp$  | $oxed{\Box}$                            |
|          | 43         |   |                    | $\Box$   |                   |          | _               |                 |          | 93       | $\Box$   | $\Box$   |          |          |          |          | _]       |                   | _        |         | 143        |                     |                |  |                |   | $\perp$   | $\perp$  | $\sqcup$                                |
| <u></u>  | 44         | $\sqcup \bot$   | 1                  | Ш        | Ш                 |          | _               |                 |          | 94       | Ш        |          |          |          |          | $\bot$   |          |                   | _        | <u></u> | 144        | Щ                   | _              |  | $\perp$        | $\perp$   | $\perp$   | 丄  | Ш                                       |
| <u></u>  | 45         | $\vdash$  | 4_                 | Ш        | $\sqcup$          | Ш        |                 | _ _             | <u> </u> | 95       | Щ        | Щ        |          |          | _        |          |          |                   | 4        |         | 145        | Ц                   | _ļ             | _  | _ _            | _ _   | $\bot$  | 丄  | $\sqcup$                                |
|          | 46         | ot  | 4                  | Ш        | $\square$         |          | _               | _               |          | 96       | Щ        |          |          |          | _        | _        | _        |                   | 4        |         | 146        | Ш                   | _ļ_            | 4  | 4              | _ _   | $\perp$   | 丰  | $\downarrow \downarrow$                 |
|          | 47         | $\vdash \vdash$   | 1_                 | $\sqcup$ | $\square$         |          | $\perp$         |                 | <u> </u> | 97       |          |          |          |          | _        | _        | _        |                   | _        |         | 147        | $\sqcup$            | 4              | _ _  | 4              | _ _   | 4   | ↓_   | $\perp$                                 |
| <u> </u> | 48         | $\vdash \vdash$   | 4-                 | ⊢        | $\sqcup$          | $\sqcup$ | $\perp$         | 44              | <u> </u> | 98       | $\sqcup$ | -        | _        | _        | _        | _        | _        |                   | _        | <u></u> | 148        | Ш                   | 4              | 4  | 4              | _ _   | _   | 丰  | $\sqcup$                                |
| <u></u>  | 49         | $\vdash \vdash$   | +                  | $\vdash$ | -                 | $\vdash$ |                 |                 | -        | 99       | <u> </u> |          | -        | -        | 4        |          |          | _                 | 4        | -       | 149        | $\sqcup \downarrow$ |                | 4  | +              | +   | +   | ╀-   | ₩                                       |
| L        | 50         | $oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}}}}}}}}}}}}}}}}}}}$ |                    | $\Box$   | Ш                 | Щ        |                 |                 |          | 100      |          | $\sqcup$ |          | _1       | ᆚ        |          |          | $oldsymbol{\bot}$ |          |         | 150        | Ш                   | $\perp$        | ┸  | 丄              |   |   | 丄  | لــــــــــــــــــــــــــــــــــــــ |